

WHAT IS CLAIMED IS:

Sub B1

1. A distributed market based control assembly for structures comprising:

multiple actuators, each of the multiple actuators having an actuator controller to control actuator applied force,

a sensor for measuring structure movement, and

a marketwire connected to each actuator controller to convey price information to the actuator controllers by analog variations in electrical characteristics of the marketwire.

Sub A2

2. The distributed market based control assembly for structures of claim 1, wherein the analog fluctuations in electrical characteristics of the marketwire are voltage changes.

Sub C1

3. The distributed market based control assembly for structures of claim 1, wherein the analog fluctuations in electrical characteristics of the marketwire are current changes.

Sub B2

4. A distributed market based control assembly for mobile structures comprising

multiple actuators, each of the multiple actuators having an actuator controller to control actuator applied force to collectively promote movement of a structure from a first position to a second position,

a sensor for measuring structure movement from the first position to a second position, and

a marketwire connected to each actuator controller to convey price information to the actuator controllers by analog variations in electrical characteristics of the marketwire.

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B3

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B3

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B3

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B3

Sub C4 8

9. The distributed market based control assembly for damping structure movement of claim 7, wherein the analog fluctuations in electrical characteristics of the marketwire are current changes.